

Date Mailed: 12 June 2002

Sheet 1 of 1

FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

10873.867US01

Application Number:

10/055640

Applicant: SHIRAIISHI et al.

Filing Date: 22 January 2002

Group Art Unit: Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>pa</i>	4,514,247	Apr 1985	Zola	29	35 35	
<i>pa</i>	4,572,981	Feb 1986	Zola	30	35 7	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				IPC CLASSIFICATION		YES	NO
<i>pa</i>	61-195000	Aug 1986	Japan	H04 R	017/00	Abstract	
<i>pa</i>	60-85699	May 1985	Japan	H04 R	017/00	Abstract	
<i>pa</i>	58-21883	Feb 1983	Japan	H01 L	041/22	Abstract	
<i>pa</i>	2-51289	Feb 1990	Japan	H01 L	041/26	Abstract	
<i>pa</i>	11-274592	Oct 1999	Japan	H01 L	041/09	Abstract	
<i>pa</i>	2924664	May 1999	Japan	H01 L	041/24	See IDS	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>pa</i>		Ultrasonic Wave Handbook, Section 3.3.10a, Maruzen Kabushiki Kaisha (1999).
<i>pa</i>		Smith, W.A., "The role of piezocomposites in ultrasonic transducers," <i>Ultrasonics Symposium</i> , 755-766 (1989).

COPY OF PAPERS  
ORIGINALLY FILED
 RECEIVED  
 JUN 27 2002  
 TC 2800 MAIL ROOM

EXAMINER <i>Shiraiishi</i>	DATE CONSIDERED <i>10/17/03</i>
EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE